

$$\begin{cases} 2x + 3y = -4^* \\ 6x + 9y = -12^{**} \end{cases} \quad y_1 = \left(-\frac{2}{3}\right)x - \frac{4}{3}$$

$$\begin{array}{r} 2x + 3y = -4 \\ -2x \quad -2x \end{array}$$

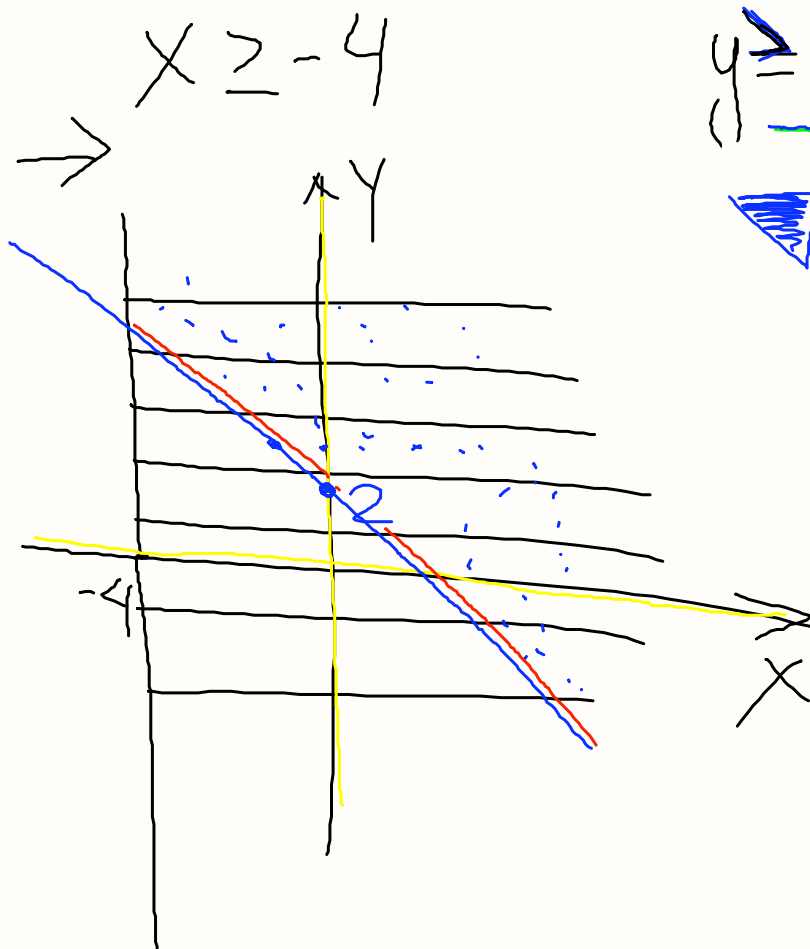
$$\frac{3y}{3} = \frac{-2x-4}{3}$$

$$y_2 = -\left(\frac{2}{3}\right)x - \frac{4}{3}$$

$$\begin{array}{r} 6x + 9y = -12 \\ -6x \quad -6x \end{array}$$

$$\frac{9y}{9} = \frac{-6x-12}{9}$$

$$y_2 = -\left(\frac{6}{9}\right)x - \frac{12}{9}$$



$$y \geq 2 - x$$



$$y \geq 2 - 1 \cdot x$$

$$m = \frac{\text{rise}}{\text{run}} = \frac{1}{1}$$

GEDM PSSA  
READ p. 167

1-8 p. 168

#1-4 p. 169

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$$\begin{cases} 2x + 6y = -3 \\ y \geq -1 \end{cases}$$

$$2x + 6y \leq -3$$

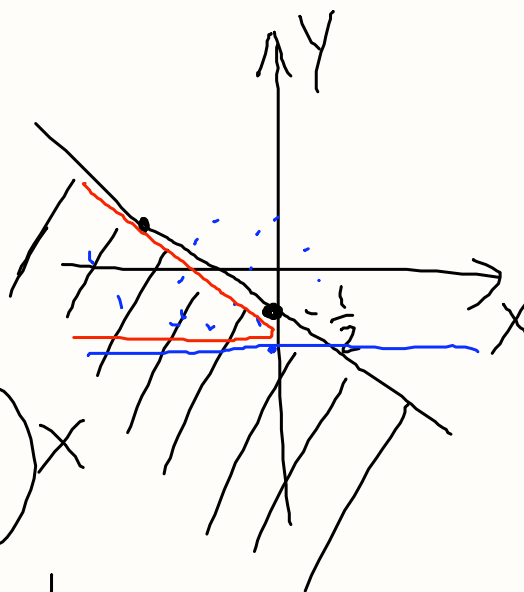
$$\begin{array}{rcl} -2x & & -2x \end{array}$$

$$\frac{6y}{6} = \frac{-3-2x}{6}$$

$$y \leq -\frac{1}{2} - \left(\frac{1}{3}\right)x$$

$$y \leq \left(-\frac{1}{3}\right)x - \frac{1}{2}$$

$$y \geq -1$$



#4 p. 169

